

OPINION 1635

Gryphaea pitcheri Morton, 1834 (currently *Texigryphaea pitcheri*; Mollusca, Bivalvia): specific name conserved

Ruling

(1) Under the plenary powers the specific name *corrugata* Say, 1823, as published in the binomen *Gryphaea corrugata*, is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.

(2) The name *pitcheri* Morton, 1834, as published in the binomen *Gryphaea pitcheri*, is hereby placed on the Official List of Specific Names in Zoology.

(3) The name *corrugata* Say, 1823, as published in the binomen *Gryphaea corrugata* and as suppressed in (1) above, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology.

History of Case 2683

An application for the conservation of the specific name of *Gryphaea pitcheri* Morton, 1834 was received from Drs B.S. Kues (*University of New Mexico, Albuquerque, U.S.A.*) and S.G. Lucas (*New Mexico Museum of Natural History, Albuquerque, U.S.A.*) on 6 October 1988. After correspondence the case was published in BZN 46: 226–228 (December 1989). Notice of the case was sent to appropriate journals.

A comment in support from Dr R.W. Scott (*Amoco Production Company, Tulsa, U.S.A.*) was published in BZN 47: 205 (September 1990).

It was noted on the voting paper that authorship of *Gryphaea corrugata* is correctly cited as 'Say in James, 1823' and not 'Say in Thomas, 1823' (cf. para. 1 of the application), and that the type species of *Texigryphaea* (cf. para. 4) is *Gryphaea roemeri* Marcou, 1862.

Decision of the Commission

On 1 December 1990 the members of the Commission were invited to vote on the proposals published in BZN 46: 227. At the close of the voting period on 1 March 1991 the votes were as follows:

Affirmative votes — 25: Bayer, Bock, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Kabata, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Ride, Savage, Schuster, Starobogatov, Trjapitzin, Uéno, Willink

Negative votes — 2: Holthuis and Thompson.

Mroczkowski abstained, commenting: 'I think that the best solution is to designate the holotype of *Gryphaea pitcheri* as a neotype of *G. corrugata*'. Voting against, Holthuis also suggested that a neotype designation for *G. corrugata* Say could be a solution to the case.

Original references

The following are the original references to the names placed on an Official List and an Official Index by the ruling given in the present Opinion:

- corrugata*, *Gryphaea*, Say, 1823, in James, E., *Account of an expedition from Pittsburgh to the Rocky Mountains, performed in the years 1819 and '20, under the command of Major Stephen H. Long*, vol. 2, p. 410.
- pitcheri*, *Gryphaea*, Morton, 1834, *Synopsis of the organic remains of the Cretaceous group of the United States*, p. 55.